

ORIGINAL

DE 09-137

Exhibit to: #12

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**Stratham  
Solar PV Facility  
Total Resource Cost Test  
20 Year Analysis**

|                        | <b>Benefits/<br/>Costs</b> |         |
|------------------------|----------------------------|---------|
| <b>Benefits</b>        |                            |         |
| Capacity               |                            |         |
| Generation             | \$57,144                   |         |
| Transmission           | \$64,350                   |         |
| Distribution           | \$64,005                   |         |
| DRIPE                  | \$6,624                    |         |
| Localized Distribution | \$0                        |         |
| Total Capacity         | \$192,123                  | 35.33%  |
| Energy                 |                            |         |
| Winter                 |                            |         |
| Peak                   | \$18,861                   |         |
| Off Peak               | \$24,527                   |         |
| Summer                 |                            |         |
| Peak                   | \$9,894                    |         |
| Off Peak               | \$11,825                   |         |
| Total Energy           | \$65,108                   | 11.97%  |
| Other                  |                            |         |
| Energy DRIPE           | \$13,359                   |         |
| CO2                    | \$0                        |         |
| REC Value              | \$32,823                   |         |
| Total Other            | \$46,182                   | 8.49%   |
| Local Economic Dev     | \$0                        |         |
| Total Benefits         | \$303,413                  | 55.80%  |
| Total Costs            | \$543,755                  | \$0.57  |
| Benefit/Cost Ratio     | 0.56                       |         |
| Economic Development   | \$426,282                  | \$0.451 |
| CO 2 Externality       | \$27,446                   | \$0.029 |
| Localized Distribution | \$3,307                    | \$0.003 |